## SEQUENCE LISTING

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-				M	let I	Asp I	Asp A	Asp A	_	Ala I	Pro P	irg \		Glu (	31 y		
	ata aa		~~~	~+ ^	1	224	~~~	~~+	5	~~~	~~~	~~~		10			010
	gtc co Val Pr																818
	gtg gc																866
	Val Al	30					35					40	_				
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Pro His Arg Thr Gln Gly Ala Gly Ser Pro Pro Glu Thr Asn Glu Lys
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ctg acg aat cca cag gtg aaa gag aag taacggccgt gcgcctaggc gtccacc
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Leu Thr Asn Pro Gln Val Lys Glu Lys
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Ala Ala Ala His Leu Pro Arg Trp Pro Pro Pro Gln Leu Ala Ala
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Ser Arg Arg Glu Ala Pro Pro Leu Ser Gln Arg Pro His Arg Thr Gln
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Val	Lys	Ser	Val	Leu 20	Val	Tyr	Arg	Asn	Gly 25	Asp	Pro	Phe	Tyr	gcg Ala 30	Gly		395
Arg	Arg	Val	Val 35	Ile	His	Glu	Lys	Lys 40	Val	Ser	Ser	Phe	Glu 45	gtc Val	Phe		443
ctg Leu	aag Lys	gag Glu 50	gtg Val	acc Thr	Gly	ggc	gtt Val 55	cag Gln	gca Ala	ccc Pro	ttt Phe	ggg Gly 60	gcc Ala	gtc Val	agg Arg		491
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atc Ile 80	cag Gln	agc Ser	Gly ggg	ggc	aat Asn 85	tac Tyr	gtg Val	gct Ala	gga Gly	ggc Gly 90	cag Gln	gaa Glu	gcc Ala	ttc Phe	aag Lys 95		587
aaa Lys	ctc Leu	aat Asn	tac Tyr	ttg Leu 100	gac Asp	ata Ile	gga Gly	gaa Glu	atc Ile 105	aag Lys	aaa Lys	aga Arg	cca Pro	atg Met 110	gaa Glu		635
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Ile	Ala 145	Asn	Gly	Asp	Leu	Ile 150	Asn	Pro	Ala	Ser	Arg 155	Leu	Leu	atc Ile	Pro		779
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gga Gly	aaa Lys	ctt Leu	gtt Val 195	gag Glu	agt Ser	gga Gly	gca Ala	gag Glu 200	ttg Leu	gag Glu	aat Asn	ggg Gly	cag Gln 205	ttt Phe	tat Tyr		923
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gag (	Val	Pro	Val	Asp 340	Gln	Arg	Pro	Ala	Glu 345	Ile	Val	Asp	Glu	Glu 350	Glu	1355
gat (	Gly	Glu	Lys 355	Ala	Asn	Lys	Asp	Ala 360	Glu	Gln	Lys	Glu	Asp 365	Phe	Ser	1403
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	Pro 385	Glu	Gln	Val	Glu	Glu 390	Ile	Leu	Asp	His	Ser 395	Glu	Gln	Gln	Ala	1499
cgc o Arg I 400	Pro	Ala	Arg	Val	Asn 405	Gly	Gly	Thr	Asp	Glu 410	Glu	Asn	Gly	Glu	Glu 415	1547
ctg ( Leu (	Gln	Gln	Val	Asn 420	Asn	Glu	Leu	Gln	Leu 425	Val	Leu	Asp	Lys	Glu 430	Arg	1595
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Glu <i>F</i>													taga	aagat	tt tt	1742
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 Arg
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 His
 Leu
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 Gln
 Pro
 Val
 Val
 Val

 Lys
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 Val
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 Val
 Tyr
 Arg
 Asn
 Gly
 Asp
 Pro
 Phe
 Tyr
 Ala
 Gly
 Arg

 Arg
 Val
 Val
 Ile
 His
 Glu
 Lys
 Lys
 Val
 Ser
 Ser
 Phe
 Glu
 Val
 Phe
 Leu

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			Leu 100					105					110		
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		195	Glu				200					205			
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			Lys 260					265					270		
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305			Asp		310			_		315			_		320
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			Asp 340		_			345			_		350		•
		355	Ala			_	360					365			_
	370		Asp			375			_	_	380			_	
385			Val		390			-		395					400
			Val	405					410					415	
			Asn 420					425					430		
		435	Ala				440					445			
	450		Arg			455					460	GIU	GIU	ASN	GIU
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                                                                      600
tgttattggg gaa
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1